

U. S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: October 24, 1987

Region II
Response and Prevention Branch
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS
24 Hour Emergency

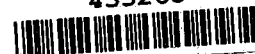
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TAT

POLREP NO.: Eighteen (18)
INCIDENT/SITE NO.: Arkansas Chemical Company/T9
POLLUTANT: Textile chemicals and intermediates
CLASSIFICATION: Major
SOURCE: Abandoned chemical facility
LOCATION: Newark, New Jersey
AMOUNT: 15,000 containers of various chemicals,
1000-1500 drums, 87 mixing tanks/outdoor
tanks containing unknown chemicals
WATER BODY: None

1. SITUATION

- A. The Arkansas Chemical Company produced textile and other specialty chemicals at its Newark facility until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16 & 16B), a storage building (Bldg. 24), and two sheds (S1 & S2). About 1000 drums and 15,000 small containers of chemicals exist in these buildings. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks/reaction vessels.

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2. ACTION TAKEN:

A. To date, the following work has been performed in building 28:

- 1) 906 full drums have been staged.
906 of these drums have been sampled.
906 of these drums have been logged.
- 2) Wooden catwalks on the third and fourth floors have been taken down, cut into 4-foot sections, staged on pallets and transferred to a thirty yard roll-off dumpster for disposal as contaminated waste.
- 3) Contaminated debris from the second and third floors of bldg. 28 have been transferred to a hazardous waste roll-off.
- 4) The fourth floor has been cleared of all drums and debris and is ready for decontamination by high pressure water lasers.

B. The following illustrates the total number of containers/drums (5 gallons and over) and their respective locations on site. These containers/drums have been staged, sampled and logged:

Building	Total No. of Containers/Drums
S1	81
S2	22
16	5
24	2
26	25
27	11
30	64
25 (basement)	57

- C. ERCS began nailing down plywood on the floor of bldg. 24 and transferred the 522 empty drums from behind bldg. 28. into building 24. The area behind bldg. 28 will be used for drum bulking operations.
- D. ERCS removed contaminated wooden debris generated from demolishing the drying room on the fourth floor of building 28.
- E. ERCS completed building shelves and installing lighting in building 25 in preparation of the lab packing operation.
- F. ERCS continues vacuuming aqueous/sludge material from floor of building 25's basement.
- G. EPA/ERT and TAT/ERT continue to enter 1900-55 data into the Removal Cost Management System (RCMS). RCMS will be used to track daily costs incurred throughout the removal action.

- H. ERCS' chemists continued with bulking analysis using on-site mobile laboratory.

3. FUTURE PLANS AND RECOMMENDATIONS:

- A. ERCS' Health and Safety Officer will continue air monitoring and sampling.
- B. EPA will employ the consultative services of two former chemists/production managers of Arkansas Chemical Company during the lab packing operation.
- C. The lab packing operation to be performed by Chem Waste Management is tentatively scheduled to begin during the week of November 2, 1987.
- D. EPA/TAT will begin soliciting bids for the removal of on-site asbestos material.
- E. ERCS will begin to stage and decontaminate laboratory glassware to be donated to the Newark Board of Education.
- F. EPA will continue to provide 24 hour site security.
- G. EPA/TAT will evaluate the bids submitted by subcontractors for decontaminating the buildings.

4. FINANCIAL ACCOUNTING:

A. Total Project Ceiling Authorized	\$ 1,966,009
B. Mitigation Contract Ceiling	\$ 1,598,009
C. Expenditures for Mitigation Contracts	
1. a. Amount obligated to ERCS contractor for Delivery Orders #6893-02-073 and #7445-02-008 (DCNs KCS - 361, 629, 633, 710, 726, 730, KE-0001) as of October 24, 1987.	\$ 725,380
1. b. Amount de-obligated due to contract rollover	\$ 1,991
1. c. Total amount obligated to date	\$ 723,389
1. d. Estimated expenditures as of October 24, 1987	\$ 528,235
1. e. Balance Remaining	\$ 197,145
D. Unobligated Balance Remaining	\$ 874,620

E.	Estimate of Total Expenditures to Date for All Mitigation Contracts	\$ 528,235
F.	Other Extramural Costs as of October 24	
	1. a. TAT Salary/Travel (estimated)	\$ 41,540
G.	Intramural Costs as of October 24	
	1. a. EPA Salary/Travel (estimated)	\$ 12,782
H.	Total Expenditures	\$ 582,557
	Percent of Total Project Ceiling	29.6%
	Percent of \$2 Million	29.1%

FINAL	FURTHER		
POLREP	POLREPS		
	FORTHCOMING	✓	SUBMITTED BY: <u>Mark P. Pane</u>
			Mark P. Pane, OSC
			Response and
			Prevention Branch

DATE RELEASED: OCTOBER 27, 1987